

WHAT IS CLAIMED IS:

1. A helmet headset system for use with an audio system and a helmet,
the helmet headset system comprising:

a mount for mounting to the helmet;

5 a first audio signal conduit having first and second ends, the first end of the
first audio signal conduit being coupled to the mount; and

a second audio signal conduit having first and second ends, the first end of
the second audio signal conduit being detachably coupled to the second end of the
first audio signal conduit, and the second end of the second audio signal conduit
10 being detachably coupled to the audio system.

2. A helmet headset system as recited in claim 1, wherein the first end of
the first audio signal conduit is detachably coupled to the mount.

3 A helmet headset system as recited in claim 1, further including a
microphone operatively coupled to the mount.

15 4. A helmet headset system as recited in claim 1, further including at
least one speaker coupled to the mount and operatively coupled to the first end of
the first audio signal conduit.

5. A helmet headset system as recited in claim 1, further including a
circuit for electrically coupling the first end of the first audio signal conduit to the
20 microphone, the circuit including

first and second input terminals for receiving an input signal from the
microphone,

an amplification circuit operatively coupled to the first and second input terminals, the amplification circuit having an output operatively coupled to the first end of the first audio signal conduit,

a common ground electrically coupled to the second input terminal, and

5 a third input terminal for receiving the input signal from the microphone, the third input terminal being operatively coupled to the first end of the first audio signal conduit.

6. A helmet headset system for use with first and second audio systems and a helmet, the helmet headset system comprising:

10 a mount for mounting to the helmet;

a first audio signal conduit having first and second ends, the first end of the first audio signal conduit being coupled to the mount;

15 a second audio signal conduit having first and second ends, the first end of the second audio signal conduit being detachably coupled to the second end of the first audio signal conduit and the second end of the second audio signal conduit being detachably coupled to the first audio system;

20 a third audio signal conduit having first and second ends, the first end of the third audio signal conduit being detachably coupled to the second end of the first audio signal conduit and the second end of the third audio signal conduit being coupled to the second audio system when the second audio signal conduit is detached from the first audio signal conduit.

7. A helmet headset system as recited in claim 6, wherein the first end of the first audio signal conduit is detachably coupled to the mount.

8. A helmet headset system as recited in claim 6, further including a microphone operatively coupled to the mount.

9. A helmet headset system as recited in claim 6, further including at least one speaker coupled to the mount and operatively coupled to the first end of the first audio signal conduit.

10. A helmet headset system as recited in claim 8, further including a circuit for electrically coupling the first end of the first audio signal conduit to the microphone, the circuit including

first and second input terminals for receiving an input signal from the microphone,

an amplification circuit operatively coupled to the first and second input terminals, the amplification circuit having an output operatively coupled to the first end of the first audio signal conduit,

a common ground electrically coupled to the second input terminal, and

a third input terminal for receiving the input signal from the microphone, the third input terminal being operatively coupled to the first end of the first audio signal conduit.

11. A helmet headset system for use with an audio system and a helmet, the helmet headset system comprising:

a mount for mounting to the helmet; and

an audio signal conduit having first and second ends, the first end of the audio signal conduit being detachably coupled to the mount, and the second end of the audio signal conduit being detachably coupled to the audio system.

12. A helmet headset system as recited in claim 11, further including a microphone operatively coupled to the mount.

13. A helmet headset system are recited in claim 11, further including at least one speaker coupled to the mount and operatively coupled to the first end of the audio signal conduit.

14. A helmet headset system as recited in claim 12, further including a circuit for electrically coupling the first end of the audio signal conduit to the microphone, the circuit including

first and second input terminals for receiving an input signal from the microphone,

an amplification circuit operatively coupled to the first and second input terminals, the amplification circuit having an output operatively coupled to the first end of the first audio signal conduit,

a common ground electrically coupled to the second input terminal, and

a third input terminal for receiving an input signal from the microphone, the third input terminal being operatively coupled to the first end of the first audio signal conduit.

15. A helmet headset system for use with an audio system and a helmet, the helmet headset system comprising:

a mount for mounting to the helmet;

an audio signal conduit having first and second ends, the first end of the audio signal conduit being coupled to the mount and the second end of the audio signal conduit being operatively coupled to the audio system;

a circuit for electrically coupling the first end of the audio signal conduit to a microphone, the circuit including

first and second input terminals for receiving an input signal from the microphone,

5 an amplification circuit operatively coupled to the first and second input terminals, the amplification circuit having an output operatively coupled to the first end of the audio signal conduit,

a common ground electrically coupled to the second input terminal, and

10 a third input terminal for receiving the input signal from the microphone, the third input terminal being operatively coupled to the first end of the audio signal conduit.

16. A helmet headset system as recited in claim 15, wherein the audio signal conduit comprises:

15 a first audio signal conduit segment having first and second ends, the first end of the first audio signal conduit segment being coupled to the mount; and

a second audio signal conduit segment having first and second ends, the first end of the second audio signal conduit segments being detachably coupled to the second end of the first audio signal conduit segment, and the second end of the second audio signal conduit segment being detachably coupled to the audio system.

17. A method for mounting a helmet headset system to a helmet for use with an audio system, the method comprising:

a first step of mounting a mount to the helmet;

a second step of coupling a first audio signal conduit having first and second ends to the mount so that the first end of the first audio signal conduit is coupled to the mount; and

a third step of coupling a second audio signal conduit having first and second ends to the first audio signal conduit and to the audio system so that the first end of the second audio signal conduit is detachably coupled to the second end of the first audio signal conduit and the second end of the second audio signal conduit is coupled to the audio system.

18. A method as recited in claim 17, wherein the second step includes detachably coupling the first end of the first audio signal conduit to the mount.

19. A method as recited in claim 17, further including a fourth step of operatively coupling a microphone to the mount.

20. A method as recited in claim 17, further including a step of coupling at least one speaker to the mount and operatively coupling the at least one speaker to the first end of the first audio signal conduit.

21 A method for mounting a helmet headset system to a helmet for use with first and second audio systems, the method comprising:

a first step of mounting a mount to the helmet;

a second step of coupling a first audio signal conduit having first and second ends to the mount so that the first end of the first audio signal conduit is coupled to the mount;

a third step of coupling a second audio signal conduit having first and second ends to the first audio signal conduit and to the first audio system so that the first end of the second audio signal conduit is detachably coupled to the second end of the first audio signal conduit and the second end of the second audio signal conduit is coupled to the first audio system;

a fourth step of coupling a third audio signal conduit having first and second ends to the first end of the first audio signal conduit so that the third audio signal conduit is detachably coupled to the second end of the first audio signal conduit and the second end of the third audio signal conduit is coupled to the second audio system when the second audio signal conduit is detached from the first audio signal conduit.

22. A method as recited in claim 21, wherein the second step includes detachably coupling the first end of the first audio signal conduit to the mount.

23. A method as recited in claim 21, further including a fifth step of operatively coupling a microphone to the mount.

24. A method as recited in claim 21, further including a step of coupling at least one speaker to the mount and operatively coupling the at least one speaker to the first end of the first audio signal conduit.

25. A method for mounting a helmet headset system to a helmet for use with an audio system, the method comprising:

a first step of mounting a mount to the helmet; and

a second step of coupling an audio signal conduit having first and second ends to the mount so that the first end of the audio signal conduit is detachably coupled to the mount and the second end of the audio signal conduit is coupled to the audio system.

26. A method as recited in claim 25, including a third step of operatively coupling a microphone to the mount.

27. A method as recited in claim 25, further including a step of coupling at least one speaker to the mount and of operatively coupling the at least one speaker to the first end of the first audio signal conduit.